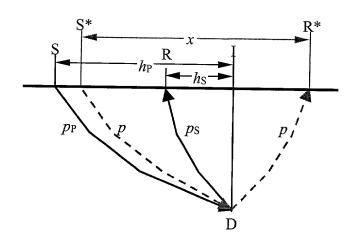
determining a pseudo-offset (110)

mapping a seismic trace to the image location (120)



S: Input Source Location

R: Input Receiver Location

D: Scatter Point

I: Image Location

 p_P : Input Ray Parameter from Source S to Scatter Point D

 p_S : Input Ray Parameter from Scatter Point D to Receiver R

 $h_{\rm P}$: Distance between Source S and Image Location I

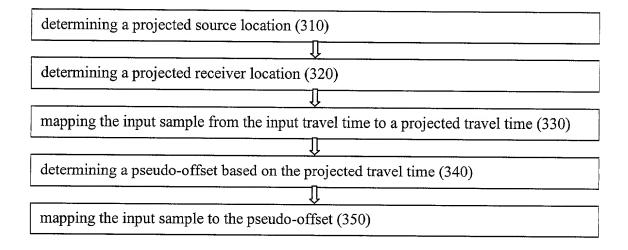
 h_S : Distance between Receiver R and Image Location I

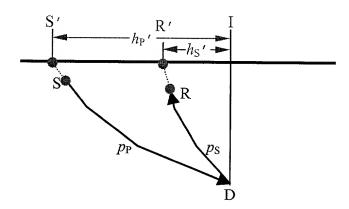
S*: Pseudo-Source

R*: Pseudo-Receiver

p: Pseudo Ray Parameter

x: Pseudo-Offset





S: Input Source Location

R: Input Receiver Location

D: Scatter Point

I: Image Location

 p_P : Input Ray Parameter from Source S to Scatter Point D

 p_s : Input Ray Parameter from Scatter Point D to Receiver R

S': Projected Source Location

R': Projected Receiver Location

 h_{P}' : Distance between Projected Source S and Image Location I

 $h_{S'}$: Distance between Projected Receiver R and Image Location I

